Wireless Mega-pixel

Network Camera

802.11n, H.264 IP camera

With plug & play & 3G mobile support

The IC207w Mega-pixel Network Camera is a high performance network camera with state-of-the-art H.264 video compression. The H.264 codec compress the mega-pixel high resolution 1280x800 images into a lower bandwidth video stream suitable for highest quality remote video surveillance.

The IC207w camera is designed with the “user-friendly” idea deep in mind. The users can install the IC207w easily on his/her home network and immediately access the video anywhere in the world through management software, web portal and 3G mobile without setting some complicated DNS name or changing the router’s settings. It’s just a 1-2-3, plug & play action.

here are a free lite version and a full-featured version software for iPhone on Apple’s App Store. A free software for Android mobiles on Android Market. No fixed IP address or port-mapping is needed for the IP camera. Only a simple 1-2-3 setup on the IC207 camera is enough to immediately access the video by the ID/password of

the camera on the 3G mobile.

The WPS (WiFi Protected Setup) is supported on IC207w for easiest wireless setup. Users only need to press a button on the camera and press a button on the wireless router and the camera will automatically negotiate the authentication with the router and work on the fly. No more SSID or encryption key configuration is needed.

The most flexible video recording is provided on the IC207w camera. Users could record video to the Micro-SD card up to 16G bytes, record to the NAS storage device on the network or record to the computer with the free bundled management software. Full scheduling of the video recording is provided to satisfy all recording requirement. No more specific NVR or DVR devices are needed any more.

Additional features like motion detection triggered email/ftp alarm, built-in microphone for audio monitoring, centralized remote firmware upgrade, system enhancement by watchdog function and low light video sensitivity are provided on IC207w to further meet all the versatile application environments.

The IC207w IP camera with it's extra high resolution, best bandwidth efficiency and easy of use is ideal for securing retail stores, buildings, schools, small businesses, home offices and residences over Internet for remote and local surveillance usage.

Features

- Mega-pixel resolution 1280x800 at 25 fps.
- H.264 video codec.
- 802.11n wireless with WEP and WPA/WPA2 security support.
- WPS (WiFi Protected Setup) support for one-click WiFi setup.
- Plug & play access by ID/password.
- A free and a full-featured iPhone software on Apple's App Store.
- A free software for Android mobiles on Android Market.
- Free 36 channel video management software accompanied.
- Dual video streaming with separate frame rate/resolution/bandwidth settings for PC and mobile.
- Connect up to 20 users simultaneously
- Micro-SD/SDHC interface for video recording (up to 16G bytes).
- Video recording to NAS devices.
- ActiveX video display on Microsoft IE browser.
- Motion Detection and E-mail/FTP notification
- Built-in Web server for managing via standard web browser.

- Built-in microphone for synchronized audio.
- Event scheduled recording and email/ftp alerting.
- Centralized remote firmware upgrade.
- Watchdog function to prevent system failure.

Specifications

Models	Wireless Mega-pixel Network Camera
Power	DC 12V, 1A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Wireless interface	IEEE 802.11n 6 - 300 Mbps Backward compatible with IEEE 802.11 a/b/g Antenna gain: 1.8 dBi
Image sensor	1/4 inch CMOS, progressive Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
Light sensitivity	0.3 Lux
Lens	3.8 mm, F2.8, viewing angle: 62.2°, fixed iris. focus range: 30 cm to infinity
Micro-SD card interface	Micro-SD card interface for video recording The supported Micro SD-Card capacity is up to 16G bytes.
Buttons	One reset button, to factory default settings One button for WPS (WiFi Protected Setup) setup
Indicators	One LED for internet connection status indication One LED for Ethernet connection indication One LED for SD-Card access indication Enable/disable – web configurable
Video compression	H.264 baseline profile level 3.1 (ISO/IEC 14496-10)
Video streaming	Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: WXGA(1280x800), 1024x768, VGA(640x480), QVGA(320x240), QQVGA(160x120) Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M, 2M, 3M bps Frame rate : 5, 10, 15, 20, 25, 30 fps
Frame rate	Up to 30 fps in all resolutions (25 fps for 1280x800)
Audio	Built-in microphone for audio monitoring Audio compression: MPEG2 audio, AMR-NB for 3GPP/ISMA(RTSP streaming)
Security	Web management username/password protection Video display ID/password protection

	WiFi WEP and WPA security mode
Installation, management and maintenance	Installation tool on CD and Web-based configuration Automatic configuration backup and restore Video management software-CamView for video access and multi-camera management Firmware upgrades via FTP
Minimum Web browsing and management software requirements	Built-in web server for standard web browser access Pentium 4(or equivalent AMD) CPU 1.0 GHz or higher, 1 GB RAM
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Power adaptor, camera bracket, RJ45 ethernet cable, quick installation guide, CD with installation tool/software and User's Manual, ID/Password card, antenna.
Video management software	36 channel surveillance application software
Users	Up to 20 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by video motion detection Notification/upload of JPEG images over FTP and/or email
Dimensions (HxWxD) and weight	125 x 75 x 35 mm, 250 g, incl. camera bracket, excl. power adaptor
Approvals	EMC - CE, FCC Part 15 Subpart B Class B Wireless RF - CE, FCC Part 15 Subpart C Power supply: CE, FCC, UL, EN 60950
Operating conditions	0-50 °C Humidity 20 - 80% RH (non-condensing)